

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : Not yet assigned  
First Named Inventor : Klaus HANREICH  
Filed : January 31, 2005  
TC/A.U. : N/A  
Examiner : N/A  
Docket No. : 038741.55726US  
Customer No. : 23911  
Title : Method for the Maintenance and Repair of Gas  
Turbines

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 AND 1.98**

**Mail Stop PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding foreign Search Report citing such documents, together with an English-language version (if not already included) of that portion of the Search Report indicating the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be

appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, the paper should be considered as a petition for consideration of the Information Disclosure Statement under 37 C.F.R. § 1.97(d)(2) and that the petition fee set forth in 37 C.F.R. § 1.17(i) in accordance with 37 C.F.R. § 1.97(d)(3) should be charged to Deposit Account 05-1323, Docket No.: 038741.55726US.

January 31, 2005

Respectfully submitted,



Donald D. Evenson  
Registration No. 26,160  
Mark H. Neblett  
Registration No. 42,028

CROWELL & MORING LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, DC 20044-4300  
Telephone No.: (202) 624-2500  
Facsimile No.: (202) 628-8844  
DDE:MHN:rde

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|   |   |    | Application Number       | Not yet assigned       |                |
|   |   |    | Filing Date              | January 31, 2005       |                |
|   |   |    | First Named Inventor     | Klaus HANREICH         |                |
|   |   |    | Art Unit                 | N/A                    |                |
|   |   |    | Examiner Name            | N/A                    |                |
| Sheet   | 1 | of | 2                        | Attorney Docket Number | 038741.55726US |

| U.S. PATENT DOCUMENTS             |                          |  |  |                                |  |   |
|-----------------------------------|--------------------------|--|--|--------------------------------|--|---|
| Examiner<br>Initials <sup>1</sup> | Cite<br>No. <sup>1</sup> | Document Number                          |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                                   |                          | Number-Kind Code <sup>2</sup> (if known) |  |                                |  |   |
|                                   |                          | US- 5,193,272                            |  | 03/16/1993                     | Juergen Wortmann et al.                            |   |
|                                   |                          | US- 5,285,572                            |  | 02/15/1994                     | Rajendra P. Rathi et al.                           |   |
|                                   |                          | US-                                      |  |                                |  |   |
|                                   |                          | US-                                      |  |                                |  |   |
|                                   |                          | US-                                      |  |                                |  |   |
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| FOREIGN PATENT DOCUMENTS          |                          |   |                                |  |   |                |
|-----------------------------------|--------------------------|---|--------------------------------|--|---|----------------|
| Examiner<br>Initials <sup>1</sup> | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                                   |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                                   |                          | DE 694 01 958 T2  | 07/13/1994                     | United Technologies Corp.                          |   |                |
|                                   |                          | DE 690 15 461 T2  | 06/19/1990                     | Yamashita, Ryuzo<br>Funabashi, Chiba, JP           |   |                |
|                                   |                          | International Search Report   | 03/29/2004                     |  |   |                |
|                                   |                          | International Preliminary<br>Examination Report                                   |                                |  |   |                |
|                                   |                          |   |                                |  |   |                |

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PTO/SB/08b (04-10)

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| Sheet   | 2 | of | 2                        | Attorney Docket Number | 038741.55726US |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 |                       | Sawyer et al.: Turbomachinery Maintenance Handbook, 1980, Turbomachinery International Publications, Norwalk, Connecticut, USA XP002294741.   |                |
|                                 |                       | Bremer C: "Kompressor-Und Turbinenschaufeln Automatisch Reparieren; Werkstatt Und Betrieb, Carl Hanser Verlag. August 1, 1996, XP 000678763   |                |
|                                 |                       | Serienmaessige Instandsetzung von Nockenwellen; Berlin 33 (1984); Dr. Ing. W. Tilgner   |                |
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